

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claim 1 (Cancelled)

2. (New) A fluid spinning system for spinning textile fibers within a fluid medium under pressure, the system comprising:

a) a closed conduction unit having two or more conduits, wherein the conduits contain a circulating fluid under pressure and the textile fibers,

wherein the fibers are dragged by the fluid and spun by a controlled manipulation of the fluid, wherein the closed conduction unit comprises:

nozzles for injecting the fluid or fluid with textile fibers into the circulating stream, which passes through the external surface of said conduction unit in determined positions and orientations depending on the type and composition of the textile yarn to be produced, as well as on the operations to be carried out on the textile fibers in the interior of the conduction unit,

means for the nozzles to modify the size of the diameter of the fluid clearance area through them, thereby causing a Venturi effect;

fixed and/or mobile mechanical elements situated in the interior of said conduction unit, with respect to quantity,

form, placement and arrangement which all depend on the type of yarn to be produced, to modify the direction, clearance area and speed of the circulating stream and of the textile fibers transported by said fluid in a way that said fibers attain predetermined movements, and

output ports of the fabricated yarn from said textile fibers to the outside of the conduction unit for its recollection afterwards;

b) impulsion means of the circulating stream and of the fluid that goes into said conduction unit through said nozzles;

c) programming means of the variables of the fluid system, which are among others, the parameters of the fluid such as the pressure, temperature, viscosity and flow speed, dimension of the diameter of the clearance area of the nozzles, configuration and arrangement of said mobile mechanical elements situated in the inner side of said conduction unit, as well as the parameter of another or any other different fluids that are introduced in the fluid system; and

d) control means of the variables of the fluid system , wherein said system due to the creation of some predetermined doubling, drawing, and twisting effects of said fibers within said closed conduction unit induced by simultaneous injection of fibers through several parallel nozzles, change in direction, pressure, temperature, viscosity and speed of said fluid, renders the fabrication of different yarns from textile

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fibers possible and at the same time makes it possible to give the fibers and/or the yarn specific treatments like dyeing, steaming, setting, and others whereby said treatments are carried out within the proper fluid system.